**From:** Jump, Christine
**To:** Michael Stephenson; SMITH, MARTIN L
**Subject:** FW: ch 1992 data
**Date:** Wednesday, May 07, 2014 11:06:00 AM
**Attachments:** ch 1992 data.pdf

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Attached is the analytical data for soil samples collected in January 1992 for the RFA.

Did the email yesterday provide what you need to get started on Building J work? I forgot to include that I would like to see a schedule for the phase I work before you start, but your response to #19 indicated that you planned to provide that before the work started.

Let me know if you have any questions about this RFA sampling data or the Phase I work.

Chris Jump, L.G.
Waste Remediation and Permitting Branch
US EPA, Region 7
jump.chris@epa.gov
(913) 551-7141

Mailing address: 11201 Renner Boulevard, Lenexa, KS 66219

-----Original Message-----
From: RO-2-3-AWMD-East-X7530@epa.gov [mailto:RO-2-3-AWMD-East-X7530@epa.gov]
Sent: Wednesday, May 07, 2014 11:15 AM
To: Jump, Christine
Subject: ch 1992 data

Please open the attached document. It was scanned and sent to you using a Xerox multifunction device.

Attachment File Type: pdf, Multi-Page

multifunction device Location: RO-2.3-AWMD-East-X7530
Device Name: XRX9C934E040206

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ANALYSIS REQUEST REPORT

VALIDATED DATA

FOR ACTIVITY: ADF77

DONA, B.

02/12/92 09:34:22

ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 92 ACTIVITY: ADF77 DESCRIPTION: HYDROCARBON RECYCLERS, INC. LOCATION: WICHITA KANSAS

STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: A60

LABO DUE DATE IS 2/15/92. REPORT DUE DATE IS 1/31/92.

INSPECTION DATE: 1/10/92 ALL SAMPLES RECEIVED DATE: 01/16/92

ALL DATA APPROVED BY LABO DATE: 02/10/92 FINAL REPORT TRANSMITTED DATE: 00/00/00

EXPECTED LABO TURNAROUND TIME IS 30 DAYS EXPECTED REPORT TURNAROUND TIME IS 21 DAYS

ACTUAL LABO TURNAROUND TIME IS 25 DAYS ACTUAL REPORT TURNAROUND TIME IS 0 DAYS

SITE CODE: SITE:

| SAMP. NO | QCC | M | DESCRIPTION | SAMPLE # STATUS | CITY | STATE | AIRS/ STORET LOC NO | SECT | LAY-ER | BEG. DATE | BEG. TIME | END. DATE | END. TIME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | | S | SS-2, SG-8 S.E., N.E. AREA OF SITE | 1 | WICHITA | KANSAS | | | | 01/10/92 | 10:30 | / / | : |
| 002 | | S | SS-3, N.E. EDGE OF VAULT | 1 | WICHITA | KANSAS | | | | 01/10/92 | 11:05 | / / | : |
| 002 | D | S | SS-3-DUPLICATE, N.E. EDGE OF VAULT | 1 | WICHITA | KANSAS | | | | 01/10/92 | 11:05 | / / | : |
| 003 | | S | SS-5, EAST END OF GONDOLA | 1 | WICHITA | KANSAS | | | | 01/10/92 | 12:05 | / / | : |
| 004 | | S | SS-7, SG-6, N.W. AREA OF SITE | 1 | WICHITA | KANSAS | | | | 01/10/92 | 12:40 | / / | : |
| 005 | | S | SS-10, DRUM CRUSHER AREA | 1 | WICHITA | KANSAS | | | | 01/10/92 | 16:15 | / / | : |
| 006 | | S | SS-11, STILL AREA | 1 | WICHITA | KANSAS | | | | 01/10/92 | 17:00 | / / | : |
| 007 | | S | SS-12, S.W. OPEN AREA OF SITE | 1 | WICHITA | KANSAS | | | | 01/10/92 | 17:25 | / / | : |
| 009 | F | S | TRIP BLANK | 1 | WICHITA | KANSAS | | | | 01/10/92 | 18:20 | / / | : |
| 101 | | W | RINSATE OF SAMPLER FOR SS-9 | 1 | WICHITA | KANSAS | | | | 01/10/92 | 18:00 | / / | : |
| 102 | F | W | TRIP BLANK | 1 | WICHITA | KANSAS | | | | 01/10/92 | 18:25 | / / | : |
| 103 | | W | DECON WATER | 1 | WICHITA | KANSAS | | | | 01/10/92 | 18:40 | / / | : |

# EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

## SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC, PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

QCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):
- A = TRUE VALUE FOR CALIBRATION STANDARD
- B = CONCENTRATION RESULTING FROM DUPLICATE LAB SPIKE
- C = MEASURED VALUE FOR CALIBRATION STANDARD
- D = MEASURED VALUE FOR FILED DUPLICATE
- F = MEASURED VALUE FOR FIELD BLANK
- G = MEASURED VALUE FOR METHOD STANDARD
- H = TRUE VALUE FOR METHOD STANDARD
- K = CONCENTRATION RESULTING FROM DUPLICATE FIELD SPIKE
- L = MEASURED VALUE FOR LAB DUPLICATE
- M = MEASURED VALUE FOR LAB BLANK
- N = MEASURED VALUE FOR DUPLICATE FIELD SPIKE
- P = MEASURED VALUE FOR PERFORMANCE STANDARD
- R = CONCENTRATION RESULTING FROM LAB SPIKE
- S = MEASURED VALUE FOR LAB SPIKE
- T = TRUE VALUE OF PERFORMANCE STANDARD
- W = MEASURED VALUE FOR DUPLICATE LAB SPIKE
- Y = MEASURED VALUE FOR FIELD SPIKE
- Z = CONCENTRATION RESULTING FROM FIELD SPIKE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):
- A = AIR
- H = OTHER (DOES NOT FIT ANY OTHER CATEGORY)
- S = SOLID (SOIL, SEDIMENT, SLUDGE)
- T = TISSUE (PLANT & ANIMAL)
- W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION IDENTIFICATION NUMBER FOR EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED
- BEG. DATE = DATE SAMPLING WAS STARTED
- BEG. TIME = TIME SAMPLING WAS STARTED
- END DATE = DATE SAMPLING WAS COMPLETED
- END TIME = TIME SAMPLING WAS COMPLETED
- NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
  A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES:
- V = VALIDATED

## ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:
- C = CENTIGRADE (CELSIUS) DEGREES
- CFS = CUBIC FEET PER SECOND
- GPM = GALLONS PER MINUTE
- IN = INCHES
- I.D. = SPECIES IDENTIFICATION
- KG = KILOGRAM
- L = LITER
- LB = POUNDS
- MG = MILLIGRAMS (1 X 10-3 GRAMS)
- MGD = MILLION GALLONS PER DAY
- MPH = MILES PER HOUR
- MV = MILLIVOLT
- M/F = MALE/FEMALE
- M2 = SQUARE METER
- M3 = CUBIC METER
- NA = NOT APPLICABLE
- NG = NANOGRAMS (1 X 10-9 GRAMS)
- NTU = NEPHELOMETRIC TURBIDITY UNITS
- PC/L = PICO (1 X 10-12) CURRIES PER LITER
- PG = PICOGRAMS (1 X 10-12 GRAMS)
- P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
- SCM = STANDARD CUBIC METER (1 ATM, 25 C)
- SQ FT = SQUARE FEET
- SU = STANDARD UNITS (PH)
- UG = MICROGRAMS (1 X 10-6 GRAMS)
- UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
- U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
- U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
- 1000G = 1000 GALLONS
- +/- = POSITIVE/NEGATIVE
- # = NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPCIFIC VALUE:
- BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
- I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
- J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
- K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
- L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
- M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
- O = PARAMETER NOT ANALYZED
- U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77 VALIDATED DATA

| COMPOUND | UNITS | 001 | 002 | 002D | 003 | 004 |
|---|---|---|---|---|---|---|
| SG07 SOLIDS, PERCENT | % | 82.2 | 84.1 | 82.3 | 83.5 | 83.0 |
| SV03 CHLOROMETHANE, BY GC/MS | UG/KG | 140.U | 23.U | 30.U | 36.U | 35.U |
| SV04 BROMOMETHANE, BY GC/MS | UG/KG | 280.U | 47.U | 60.U | 73.U | 69.U |
| SV05 VINYL CHLORIDE, BY GC/MS | UG/KG | 210.U | 35.U | 45.U | 54.U | 52.U |
| SV06 CHLOROETHANE, BY GC/MS | UG/KG | 210.U | 35.U | 45.U | 54.U | 52.U |
| SV07 METHYLENE CHLORIDE (DICHLOROMETHANE) | UG/KG | 140.U | 23.U | 30.U | 36.U | 35.U |
| SV08 DICHLOROETHYLENE,1,1, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV09 DICHLOROETHANE,1,1, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV10 DICHLOROETHYLENE,TRANS-1,2 | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV11 CHLOROFORM, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV12 DICHLOROETHANE,1,2, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV13 TRICHLOROETHANE,1,1,1-, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV14 CARBON TETRACHLORIDE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV15 BROMODICHLOROMETHANE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV16 DICHLOROPROPANE,1,2, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV17 BENZENE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV18 DICHLOROPROPYLENE,TRANS-1,3 | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV19 TRICHLOROETHYLENE, BY GC/MS | UG/KG | 200. | 12.U | 15.U | 18.U | 17.U |
| SV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV21 DIBROMOCHLOROMETHANE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV22 TRICHLOROETHANE,1,1,2-, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV24 BROMOFORM, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV25 TETRACHLOROETHYLENE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 140. | 38. |
| SV26 TOLUENE, BY GC/MS | UG/KG | 140. | 12.U | 15.U | 18.U | 17.U |
| SV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV28 CHLOROBENZENE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77 VALIDATED DATA

| COMPOUND | UNITS | 001 | 002 | 002D | 003 | 004 |
|---|---|---|---|---|---|---|
| SV29 ETHYL BENZENE, BY GC/MS | UG/KG | 180. | 12.U | 15.U | 18.U | 17.U |
| SV30 ACETONE, BY GC/MS | UG/KG | 220.U | 23.U | 30.U | 36.U | 35.U |
| SV31 CARBON DISULFIDE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV32 METHYL ETHYL KETONE (2-BUTANONE) | UG/KG | 140.U | 23.U | 30.U | 36.U | 35.U |
| SV34 2-HEXANONE | UG/KG | 140.U | 23.U | 30.U | 36.U | 35.U |
| SV35 4-METHYL-2-PENTANONE | UG/KG | 140.U | 23.U | 30.U | 36.U | 35.U |
| SV36 STYRENE, BY GC/MS | UG/KG | 70.U | 12.U | 15.U | 18.U | 17.U |
| SV37 XYLENES, TOTAL, BY GC/MS | UG/KG | 1700. | 12.U | 15.U | 18.U | 17.U |
| SV43 DICHLOROETHYLENE,1,2, TOTAL | UG/KG | NA 0 | NA 0 | NA 0 | NA 0 | NA 0 |
| ZZ01 SAMPLE NUMBER | NA | 001 | 002 | 002 | 003 | 004 |
| ZZ02 ACTIVITY CODE | NA | ADF77 | ADF77 | ADF77 | ADF77 | ADF77 |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77 VALIDATED DATA

| COMPOUND | UNITS | 005 | | 006 | 007 | 009F | 101 |
|---|---|---|---|---|---|---|---|
| SG07 SOLIDS, PERCENT | % | 79.8 | | 77.4 | 78.6 | 97.8 | |
| SS01 PHENOL, BY GC/MS | UG/KG | 410 | U | | | | |
| SS02 CARBAZOLE | UG/KG | NA | O | | | | |
| SS03 ETHER,BIS(2-CHLOROETHYL), BY GC/MS | UG/KG | 410 | U | | | | |
| SS04 2-CHLOROPHENOL | UG/KG | 410 | U | | | | |
| SS05 DICHLOROBENZENE,1,3-, BY GC/MS | UG/KG | 410 | U | | | | |
| SS06 DICHLOROBENZENE,1,4- | UG/KG | 410 | U | | | | |
| SS07 BENZYL ALCOHOL | UG/KG | 410 | U | | | | |
| SS08 DICHLOROBENZENE,1,2-, BY GC/MS | UG/KG | 410 | U | | | | |
| SS09 CRESOL, ORTHO(2-METHYLPHENOL) | UG/KG | 410 | U | | | | |
| SS10 ETHER,BIS(2-CHLOROISOPROPYL), BY GC/MS | UG/KG | 410 | U | | | | |
| SS11 CRESOL, PARA-(4-METHYLPHENOL) | UG/KG | 410 | U | | | | |
| SS12 N-NITROSODIPROPYLAMINE | UG/KG | 410 | U | | | | |
| SS13 HEXACHLOROETHANE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS14 NITROBENZENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS15 ISOPHORONE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS16 NITROPHENOL,2- | UG/KG | 410 | U | | | | |
| SS17 DIMETHYLPHENOL,2,4, BY GC/MS | UG/KG | 410 | U | | | | |
| SS18 BENZOIC ACID, BY GC/MS | UG/KG | 2100 | U | | | | |
| SS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS | UG/KG | 410 | U | | | | |
| SS20 2,4-DICHLOROPHENOL | UG/KG | 410 | U | | | | |
| SS21 TRICHLOROBENZENE,1,2,4, BY GC/MS | UG/KG | 410 | U | | | | |
| SS22 NAPHTHALENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS23 CHLOROANILINE,4- | UG/KG | 410 | U | | | | |
| SS24 HEXACHLOROBUTADIENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS25 PHENOL,4-CHLORO-3-METHYL | UG/KG | 410 | U | | | | |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77

VALIDATED DATA

| COMPOUND | UNITS | 005 | | 006 | 007 | 009F | 101 |
|---|---|---|---|---|---|---|---|
| SS26 2-METHYLNAPHTHALENE | UG/KG | 410 | U | | | | |
| SS27 HEXACHLOROCYCLOPENTADIENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS28 TRICHLOROPHENOL,2,4,6 | UG/KG | 2100 | U | | | | |
| SS29 TRICHLOROPHENOL,2,4,5 | UG/KG | 410 | U | | | | |
| SS30 2-CHLORONAPHTHALENE | UG/KG | 410 | U | | | | |
| SS31 NITROANILINE,2- | UG/KG | 2100 | U | | | | |
| SS32 PHTHALATE, DIMETHYL, BY GC/MS | UG/KG | 410 | U | | | | |
| SS33 ACENAPHTHYLENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS34 NITROANILINE,3- | UG/KG | 2100 | U | | | | |
| SS35 ACENAPHTHENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS36 DINITROPHENOL,2,4, BY GC/MS | UG/KG | 2100 | U | | | | |
| SS37 NITROPHENOL,4- | UG/KG | 2100 | U | | | | |
| SS38 DIBENZOFURAN | UG/KG | 410 | U | | | | |
| SS39 DINITROTOLUENE,2,4, BY GC/MS | UG/KG | 410 | U | | | | |
| SS40 DINITROTOLUENE,2,6 | UG/KG | 410 | U | | | | |
| SS41 PHTHALATE, DIETHYL, BY GC/MS | UG/KG | 410 | U | | | | |
| SS42 ETHER, 4-CHLOROPHENYL PHENYL | UG/KG | 410 | U | | | | |
| SS43 FLUORENE, GC/MS | UG/KG | 410 | U | | | | |
| SS44 NITROANILINE,4- | UG/KG | 2100 | U | | | | |
| SS45 PHENOL,4,6-DINITRO-2-METHYL | UG/KG | 410 | U | | | | |
| SS46 N-NITROSODIPHENYLAMINE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS47 ETHER, 4-BROMOPHENYL PHENYL | UG/KG | 410 | U | | | | |
| SS48 HEXACHLOROBENZENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS49 PENTACHLOROPHENOL, BY GC/MS | UG/KG | 2100 | U | | | | |
| SS50 PHENANTHRENE, BY GC/MS | UG/KG | 410 | U | | | | |
| SS51 ANTHRACENE, BY GC/MS | UG/KG | 410 | U | | | | |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77 VALIDATED DATA

| COMPOUND | UNITS | 005 | 006 | 007 | 009F | 101 |
|---|---|---|---|---|---|---|
| SS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS | UG/KG | 410 U | | | | |
| SS53 FLUORANTHENE, BY GC/MS | UG/KG | 410 U | | | | |
| SS54 PYRENE, BY GC/MS | UG/KG | 410 U | | | | |
| SS55 PHTHALATE, BUTYL BENZYL | UG/KG | 410 U | | | | |
| SS56 DICHLOROBENZIDINE, 3,3' | UG/KG | 830 U | | | | |
| SS57 ANTHRACENE, BENZO(A), BY GC/MS | UG/KG | 410 U | | | | |
| SS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS | UG/KG | 410 U | | | | |
| SS59 CHRYSENE, BY GC/MS | UG/KG | 410 U | | | | |
| SS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS | UG/KG | 410 U | | | | |
| SS61 FLUORANTHENE, BENZO(B), BY GC/MS | UG/KG | 410 U | | | | |
| SS62 FLUORANTHENE, BENZO(K), BY GC/MS | UG/KG | 410 U | | | | |
| SS63 PYRENE, BENZO(A), BY GC/MS | UG/KG | 410 U | | | | |
| SS64 PYRENE, INDENO(1,2,3-CD) | UG/KG | 410 U | | | | |
| SS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS | UG/KG | 410 U | | | | |
| SS66 PERYLENE,BENZO(G,H,I), BY GC/MS | UG/KG | 410 U | | | | |
| SV03 CHLOROMETHANE, BY GC/MS | UG/KG | 57.U | 37.U | 31.U | 16.U | |
| SV04 BROMOMETHANE, BY GC/MS | UG/KG | 110.U | 74.U | 61.U | 32.U | |
| SV05 VINYL CHLORIDE, BY GC/MS | UG/KG | 85.U | 56.U | 46.U | 24.U | |
| SV06 CHLOROETHANE, BY GC/MS | UG/KG | 85.U | 56.U | 46.U | 24.U | |
| SV07 METHYLENE CHLORIDE (DICHLOROMETHANE) | UG/KG | 1100.U | 37.U | 31.U | 16.U | |
| SV08 DICHLOROETHYLENE,1,1, BY GC/MS | UG/KG | 63.U | 19.U | 15.U | 8.0U | |
| SV09 DICHLOROETHANE,1,1, BY GC/MS | UG/KG | 620. | 19.U | 15.U | 8.0U | |
| SV10 DICHLOROETHYLENE,TRANS-1,2 | UG/KG | 120. | 19.U | 15.U | 8.0U | |
| SV11 CHLOROFORM, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV12 DICHLOROETHANE,1,2, BY GC/MS | UG/KG | 63.U | 19.U | 15.U | 8.0U | |
| SV13 TRICHLOROETHANE,1,1,1-, BY GC/MS | UG/KG | 900. | 19.U | 15.U | 8.0U | |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77

| COMPOUND | UNITS | 005 | 006 | 007 | 009F | VALIDATED DATA 101 |
|---|---|---|---|---|---|---|
| SV14 CARBON TETRACHLORIDE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV15 BROMODICHLOROMETHANE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV16 DICHLOROPROPANE,1,2, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV17 BENZENE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV18 DICHLOROPROPYLENE,TRANS-1,3 | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV19 TRICHLOROETHYLENE, BY GC/MS | UG/KG | 4500. | 37. | 110. | 8.0U | |
| SV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV21 DIBROMOCHLOROMETHANE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV22 TRICHLOROETHANE,1,1,2-, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV24 BROMOFORM, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV25 TETRACHLOROETHYLENE, BY GC/MS | UG/KG | 29000. | 200. | 770. | 8.0U | |
| SV26 TOLUENE, BY GC/MS | UG/KG | 70. | 19.U | 15.U | 8.0U | |
| SV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV28 CHLOROBENZENE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV29 ETHYL BENZENE, BY GC/MS | UG/KG | 54. | 19.U | 15.U | 8.0U | |
| SV30 ACETONE, BY GC/MS | UG/KG | 130.U | 37.U | 31.U | 16.U | |
| SV31 CARBON DISULFIDE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV32 METHYL ETHYL KETONE (2-BUTANONE) | UG/KG | 80.U | 37.U | 190. | 16.U | |
| SV34 2-HEXANONE | UG/KG | 57.U | 37.U | 31.U | 16.U | |
| SV35 4-METHYL-2-PENTANONE | UG/KG | 57.U | 37.U | 31.U | 16.U | |
| SV36 STYRENE, BY GC/MS | UG/KG | 29.U | 19.U | 15.U | 8.0U | |
| SV37 XYLENES, TOTAL, BY GC/MS | UG/KG | 200. | 19.U | 15.U | 8.0U | |
| SV43 DICHLOROETHYLENE,1,2, TOTAL | UG/KG | NA 0 | NA 0 | NA 0 | NA 0 | |
| WV03 CHLOROMETHANE, BY GC/MS | UG/L | | | | | 10.U |
| WV04 BROMOMETHANE, BY GC/MS | UG/L | | | | | 20.U |
| WV05 VINYL CHLORIDE, BY GC/MS | UG/L | | | | | 15.U |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77

VALIDATED DATA

| COMPOUND | UNITS | 005 | 006 | 007 | 009F | 101 |
|---|---|---|---|---|---|---|
| WV06 CHLOROETHANE, BY GC/MS | UG/L | | | | | 15.U |
| WV07 METHYLENE CHLORIDE (DICHLOROMETHANE) | UG/L | | | | | 10.U |
| WV08 DICHLOROETHYLENE,1,1 | UG/L | | | | | 5.0U |
| WV09 DICHLOROETHANE,1,1, BY GC/MS | UG/L | | | | | 5.0U |
| WV10 DICHLOROETHYLENE, TRANS,1,2- | UG/L | | | | | 5.0U |
| WV11 CHLOROFORM, BY GC/MS | UG/L | | | | | 7.8 |
| WV12 DICHLOROETHANE,1,2, BY GC/MS | UG/L | | | | | 5.0U |
| WV13 TRICHLOROETHANE,1,1,1-, BY GC/MS | UG/L | | | | | 5.0U |
| WV14 CARBON TETRACHLORIDE, BY GC/MS | UG/L | | | | | 5.0U |
| WV15 BROMODICHLOROMETHANE, BY GC/MS | UG/L | | | | | 5.8 |
| WV16 DICHLOROPROPANE,1,2, BY GC/MS | UG/L | | | | | 5.0U |
| WV17 BENZENE, BY GC/MS | UG/L | | | | | 5.0U |
| WV19 TRICHLOROETHYLENE | UG/L | | | | | 5.0U |
| WV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS | UG/L | | | | | 5.0U |
| WV21 DIBROMOCHLOROMETHANE, BY GC/MS | UG/L | | | | | 5.0U |
| WV22 TRICHLOROETHANE,1,1,2-, BY GC/MS | UG/L | | | | | 5.0U |
| WV24 BROMOFORM, BY GC/MS | UG/L | | | | | 5.0U |
| WV25 TETRACHLOROETHYLENE | UG/L | | | | | 5.0U |
| WV26 TOLUENE, BY GC/MS | UG/L | | | | | 5.0U |
| WV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS | UG/L | | | | | 5.0U |
| WV28 CHLOROBENZENE, BY GC/MS | UG/L | | | | | 5.0U |
| WV29 ETHYL BENZENE, BY GC/MS | UG/L | | | | | 5.0U |
| WV30 ACETONE, BY GC/MS | UG/L | | | | | 10.U |
| WV31 CARBON DISULFIDE, BY GC/MS | UG/L | | | | | 5.0U |
| WV32 METHYL ETHYL KETONE (2-BUTANONE) | UG/L | | | | | 10.U |
| WV34 2-HEXANONE | UG/L | | | | | 10.U |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77

| COMPOUND | UNITS | 005 | 006 | 007 | 009F | VALIDATED DATA 101 |
|---|---|---|---|---|---|---|
| WV35 4-METHYL-2-PENTANONE | UG/L | | | | | 10.U |
| WV36 STYRENE, BY GC/MS | UG/L | | | | | 5.0U |
| WV37 XYLENES, TOTAL, BY GC/MS | UG/L | | | | | 5.0U |
| WV40 DICHLOROPROPYLENE,TRANS-1,3 | UG/L | | | | | 5.0U |
| ZZ01 SAMPLE NUMBER | NA | 005 | 006 | 007 | 009 | 101 |
| ZZ02 ACTIVITY CODE | NA | ADF77 | ADF77 | ADF77 | ADF77 | ADF77 |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77

VALIDATED DATA

| COMPOUND | UNITS | 102F | 103 | | | |
|---|---|---|---|---|---|---|
| WV03 CHLOROMETHANE, BY GC/MS | UG/L | 10.U | 10000.U | | | |
| WV04 BROMOMETHANE, BY GC/MS | UG/L | 20.U | 20000.U | | | |
| WV05 VINYL CHLORIDE, BY GC/MS | UG/L | 15.U | 15000.U | | | |
| WV06 CHLOROETHANE, BY GC/MS | UG/L | 15.U | 15000.U | | | |
| WV07 METHYLENE CHLORIDE (DICHLOROMETHANE) | UG/L | 10.U | 10000.U | | | |
| WV08 DICHLOROETHYLENE,1,1 | UG/L | 5.0U | 5000.U | | | |
| WV09 DICHLOROETHANE,1,1, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV10 DICHLOROETHYLENE, TRANS,1,2- | UG/L | 5.0U | 5000.U | | | |
| WV11 CHLOROFORM, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV12 DICHLOROETHANE,1,2, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV13 TRICHLOROETHANE,1,1,1-, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV14 CARBON TETRACHLORIDE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV15 BROMODICHLOROMETHANE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV16 DICHLOROPROPANE,1,2, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV17 BENZENE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV19 TRICHLOROETHYLENE | UG/L | 5.0U | 5000.U | | | |
| WV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV21 DIBROMOCHLOROMETHANE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV22 TRICHLOROETHANE,1,1,2-, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV24 BROMOFORM, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV25 TETRACHLOROETHYLENE | UG/L | 5.0U | 5000.U | | | |
| WV26 TOLUENE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV28 CHLOROBENZENE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV29 ETHYL BENZENE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV30 ACETONE, BY GC/MS | UG/L | 13. | 11000.U | | | |

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF77

VALIDATED DATA

| COMPOUND | UNITS | 102F | 103 | | | |
|---|---|---|---|---|---|---|
| WV31 CARBON DISULFIDE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV32 METHYL ETHYL KETONE (2-BUTANONE) | UG/L | 10.U | 10000.U | | | |
| WV34 2-HEXANONE | UG/L | 10.U | 10000.U | | | |
| WV35 4-METHYL-2-PENTANONE | UG/L | 10.U | 10000.U | | | |
| WV36 STYRENE, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV37 XYLENES, TOTAL, BY GC/MS | UG/L | 5.0U | 5000.U | | | |
| WV40 DICHLOROPROPYLENE,TRANS-1,3 | UG/L | 5.0U | 5000.U | | | |
| ZZ01 SAMPLE NUMBER | NA | 102 | 103 | | | |
| ZZ02 ACTIVITY CODE | NA | ADF77 | ADF77 | | | |